

Patent No. 7,549,347  
Request for Cert. of Correction dated September 2, 2009  
Attorney Docket No. 5292-062352

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 7,549,347 Application No. 10/588,743  
Inventor : XIAO Confirmation No. 9665  
Issued : June 23, 2009  
Title : Multiple Differential Volume Tube Measurement  
Quantitative Conveying Device  
And Its Conveying Method Thereof  
Examiner : Andre J. Allen  
Customer No. : 28289

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO MISTAKE (37 C.F.R. 1.322(a))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

ATTENTION: Decision and Certificate of Correction Branch  
Patent Issue Division

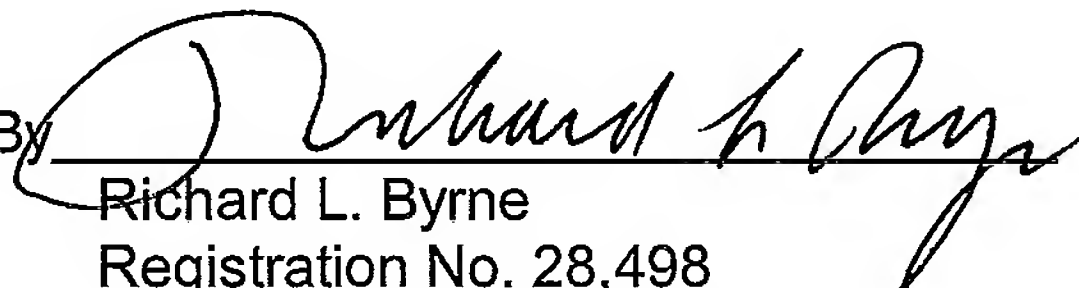
Sir:

In accordance with 35 U.S.C. § 254, we attach hereto Form PTO/SB/44 and a copy of proof of PTO errors and request that a Certificate of Correction be issued in the above-identified patent. The following errors appear in the patent as printed:

Column 4, Line 14, "controller operated in" should read  
-- controller which controls the drive mechanism to drive the volume tubes to  
convey fluid in --  
(See the Amendment dated February 5, 2009, page 2, Claim 7, lines 7-8.  
Claim 7 issued as Claim 1.)

Respectfully submitted,

THE WEBB LAW FIRM

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I certify that this correspondence is being electronically  
submitted to the United States Patent and Trademark  
Office on September 2, 2009.

09/02/2009  
Date

  
Signature

Mary Jo Sinicrope  
(Typed Name of Person Signing Certificate)

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,549,347  
APPLICATION NO. : 10/588,743  
ISSUE DATE : June 23, 2009  
INVENTOR : XIAO

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 4, Line 14, "controller operated in" should read  
-- controller which controls the drive mechanism to drive the volume tubes to  
convey fluid in --

MAILING ADDRESS OF SENDER: The Webb Law Firm  
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Pittsburgh, PA 15219

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-2450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select Option 2.*

Application No. 10/588,743  
Paper Dated: February 5, 2009  
In Reply to USPTO Correspondence of October 8, 2008  
Attorney Docket No. 5292-062352

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/588,743 Confirmation No. 9665  
Applicant : CONG XIAO  
Filed : August 7, 2006  
Title : MULTIPLE DIFFERENTIAL VOLUME TUBE  
MEASUREMENT QUANTITATIVE CONVEYING  
DEVICE AND ITS CONVEYING METHOD  
THEREOF  
Group Art Unit : 2855  
Examiner : Andre J. Allen  
Customer No. : 28289

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Sir:

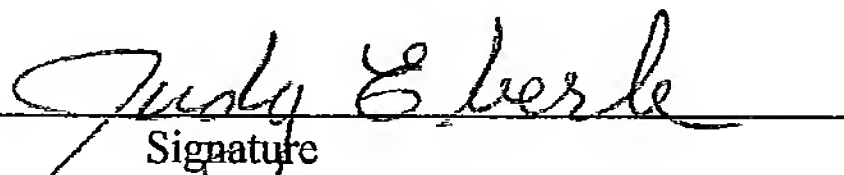
In response to the Office Action dated October 8, 2008, Applicant submits the following amendments and remarks, along with a petition for a one month extension of time.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 4 of this paper.

I hereby certify that this correspondence is being electronically submitted to the United States Patent and Trademark Office on the date below.

February 5, 2009  
Date

  
Signature

Judy Eberle

Typed Name of Person Signing Certificate

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims**

1-6. (Canceled).

5 1. (Currently Amended) A multiple differential volume tube measurement quantitative conveying device which includes volume tubes, inlet pipes and outlet pipes, wherein, there are at least two pieces of the volume tubes, divided into at least two groups; the inlet pipe of each group volume tube is connected with a main inlet pipe; the outlet pipe of each group volume tube is connected with a main outlet pipe; a drive mechanism is set for separately driving each volume tube group; and the drive mechanism is simultaneously connected with a controller which controls the drive mechanism to drive the volume tubes to convey fluid operated in complementary manner.

2. (Previously Presented) The conveying device of claim <sup>1</sup>~~1~~, wherein the controller is a computer operated in differential manner.

3. (Previously Presented) The conveying device of claim <sup>2</sup>~~2~~, including four pieces of volume tubes, divided into two groups, wherein two pieces of volume tubes in each group are connected in series, and the two groups are connected in parallel.

4. (Previously Presented) The conveying device of claim <sup>2</sup>~~3~~, including four pieces of volume tubes which are connected in parallel at each fluid inlet and outlet, respectively.

5. (Previously Presented) A conveying method with a multiple differential volume tube measurement quantity conveying device, in which multiple pieces of volume tubes are connected in groups, and a chief control computer is set for controlling the drive capability/delivery capacity, said method including the steps of:

A) confirming the conveying state of any referenced tube group; and